PERSONAL INFORMATION

Ožbolt Menegatti

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www.ozbo.lt

Skype ozbolt3

Gender Male | Date of birth 3 November 1991 | Nationality Slovenian

JOB APPLIED FOR

Software Engineer

WORK EXPERIENCE

August 2015 – now
Software Engineer

Guardiaris d.o.o.
Podjunska ulica 13, 1000 Ljubljana (Slovenia)

- Maintenance and improvement of legacy C++/Qt3 air traffic radar view system Albatross for Slovenian's air traffic control (KZPS).
- Development of camera pose estimation system based on OpenCV and RaspberryPy.
- Work on human skeleton detection system using convolutional neural networks.
- Developed other support tools, such as an embedded neural network library, camera calibration application and C++ ASN1c wrapper.
- Assistance with the switch of version control systems from subversion to git.

February 2012 – January 2013
Instructor

Go Instructions
Jadranska 27, 2000 Maribor (Slovenia)

Instructor for high school and faculty students. Instructing programming languages and other computer knowledge, basics of electrical engineering, math and physics.

EDUCATION AND TRAINING

2010 – 2015
Bachelor of Science in Electrical Engineering

Faculty of electrical engineering, University of Ljubljana, Slovenia

completed over 90 % of exams with an average grade of 9.8/10, did not finish the program

2012 – 2014
Bachelor of Science in Computer Science

Faculty of Computer and Information Science, University of Ljubljana, Slovenia

completed with an average grade of 8.9/10

2015 – 2017
Master of Science in Computer Science

Faculty of Computer and Information Science, University of Ljubljana, Slovenia

completed 100 % of exams with an average grade of 9.0/10, did not finish the program

PERSONAL SKILLS

| Mother tongue | Slovenian |

Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B1

English listed with levels above.

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference (CEF) level

Communication skills and competences
- team work: I have successfully worked in a team of programmers, electrical and mechanical engineers to deliver a finished product;
- teaching skills: I work with colleagues and students as an instructor and a mentor;
- organizational skills: enrolled in multiple sporting groups and events, mostly running and football.

Programming skills
- dynamic languages: Python3, Octave/Matlab, Lua, Bash, also some knowledge of Javascript, CoffeeScript, Elm, Racket and Julia;
- static languages: C++, Rust, C, also some knowledge of Java, D and Go;
- other languages: knowledge of VHDL, SQL and Prolog;
- computer vision library OpenCV, use of image processing, camera calibration and 3D reconstruction, pose estimation and marker recognition;
- machine learning using sklearn for different clustering, regression and classification algorithms and Pytorch for deep learning;
- Qt, PyQt, Fltk and Html/CSS for graphical interfaces;
- GNU, LLVM and Cargo build toolchains;
- Cython, Pypy and Pybind11 for Python performance improvements;
- STM32 arm embedded devices running FreeRTOS;
- RaspberryPy computing platform.

Other Computer skills
- extensive experience with Linux OS,
- Git and Mercurial version control systems,
- KiCAD electronics design software,
- attended a Cryptography 1 class on `coursera.org`,
- Gimp (image editing), Kdenlive (video editing) and FFmpeg (video and audio capture and conversions),
- competent with LaTeXand LibreOffice office programs,

Other skills Enjoy all sports particularly running, bicycling, swimming, football and basketball. My hobbies also include a guitar and a chess board.

Driving licence AM, B1, B, G